

Summer of Science Public Lectures Series

by USGS Scientists

Last Thursday of the month at **7:00PM**

June 28

**Modern Seafloor
Mapping at the USGS**

State-of-the-art sonar systems are being used by USGS scientists to explore such fascinating underwater features as the San Andreas Fault, giant sand dunes beneath the Golden Gate Bridge, and tsunami-generated landslide debris

July 26

**Balancing Wind Energy
Development & Wildlife
Conservation**

Wind power development is increasing exponentially in the United States, with plans to provide 20% of the country's total power by 2020. However, this energy source may affect wildlife, either directly from collisions with the turbine blades or indirectly from loss of habitat and migration routes.

Aug 30

**Global Croplands, Water Use,
and Food Security in the 21st
Century**

70% of the Earth's landmass is vegetated, and comprehensive vegetation mapping, monitoring, and analysis are critical to provide a better understanding of agricultural crop and natural vegetation properties

Sep 27

**The Pacific Nearshore Project
& Sea Otter Awareness Week**

Sea otters are crucial indicators of the health of our near-shore waters and coastal resources, from kelp forests to fisheries. What clues does the sea otter's decline hold for our knowledge of ecosystem and global change?

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